

Please amend the claims to read as indicated in the following list of claims:

1. [Currently amended] A display unit comprising a specific display panel selected from [, of] a class of display panels, the class of display panels comprising a plurality of manufactured display panels each of which exhibits manufacturing tolerances with respect to one another of said class, said specific display panel having manufacturing tolerance associated display panel characteristics that influence visual performance of that specific display panel; the display having ~~first~~ storage comprising for storing (i) generic data, the generic data being common to all of the display panels belonging to the class of display panels, for influencing the operation of the display unit, and (ii) specific data tailored to the associated specific display panel characteristics, the specific data varying as a function of said manufacturing tolerances; and a controller for executing firmware that is responsive to the specific data to influence the visual performance of the specific display panel to thereby mitigate the influence of said manufacturing tolerances on the visual performance of said specific display panel.
2. [Currently amended] A display unit as claimed in claim 1 in which the display unit comprises a housing such that at least the display panel, ~~first~~ storage and controller are at least partially housed within the housing.

3. [Currently amended] A display unit as claimed in claim 1 in which the display unit forms part of a subsystem of a computer system; the subsystem comprising at least the display panel, the ~~first~~ storage and the controller.

4. [Previously presented] A display unit as claimed in claim 1 in which the firmware is common to, and identical across, the class of display panels.

5. [Previously presented] A display as claimed in claim 1, in which each display panel of the class of display panels has respective associated display panel characteristics.

6. [Currently amended] A display unit comprising a flat panel display, a standard video interface for exchanging video and data signals with a standard video card, display driver means to process the video signals to drive the flat panel display to produce an image from the video signals, storage means comprising first and second data for output to ~~a host computer~~ via the standard video interface, the first data comprising generic data relating to a class of display units of which said display unit is a member and the second data comprising specific data relating to the operation of the display unit and flat panel display data relating to operational characteristics of the flat panel display; the generic data identifying common display capabilities of the members of said class of display units; and the specific flat panel display data identifying how manufacturing tolerances cause the display unit to differ from other members of said class, the specific data being

used by the display driver means to influence the operation of the flat panel display in producing said image.

7. [Currently amended] A display unit as claimed in claim 8 in which the flat panel display is an LCD panel and the generic data comprises Extended Display Identification Data (EDID) information.

8. [Previously presented] A display unit as claimed in claim 6 in which the standard video interface and standard video card complies with one the VGA, SVGA, XGA, SXGA and UXGA standards.

9. [Previously presented] A display unit as claimed in claim 6 in which the flat panel display data comprises data relating to at least colour temperature within a corresponding colour space.

10. [Original] A display unit as claimed in claim 9 in which the colour temperature data comprises coordinates within the corresponding colour space of a reference colour.

11. [Original] A display unit as claimed in claim 10 in which the reference colour is white at a colour temperature of 6500 Kelvin.

12. [Previously presented] A display unit as claimed in claim 6 in which the display driver means comprises at least a microcontroller to run firmware, responsive to the flat panel display data and common to a class of flat panel

displays, to influence the operation of the flat panel display.

13. [Previously presented] A data processing assembly comprising a computer system unit and a display unit as claimed in claim 1.

14. [Currently amended] A display panel comprising a flat panel display, which is a member of a class of flat panel displays each having common Extended Display Identification Data (EDID) information associated therewith, and ~~first~~ storage, both mounted to a display panel support; the ~~first~~ storage comprising at least display panel specific data, tailored to associated flat panel display characteristics that define how manufacturing tolerances cause the flat display panel to differentiate itself from other members of said class, for use in combination with said common Extended Display Identification Data (EDID) information to influence ~~influencing~~ the operation of the flat panel display when processed by a controller forming part of a subsystem of which the display panel will form an integral part.

15. [Original] A display panel as claimed in claim 14 in which the flat panel display is an LCD panel.

16. [Currently amended] A method of compensating for manufacturing tolerances of first and second display units; the first display unit having a first display panel with operational characteristics specific to that first display panel and the second display unit having a second display

panel with second operational characteristics specific to that second display panel; each unit bearing a standard video interface for outputting and receiving video and data signals; each display unit comprising first non-volatile storage for storing generic data accessible by the standard video interface; the data being used to influence the operation of the display units; the method comprising the steps of establishing respective sets of parameters for controlling the operation of the display panels so that the display panels perform to within common tolerances to thereby compensate for manufacturing tolerances; the parameters being tailored to the respective operational characteristics of each unit; storing the respective sets of parameters within respective second non-volatile storage of the display units; programming respective first non-volatile storage devices of the first and second display units with common firmware that is responsive to the respective sets of parameters to control the operation of the respective display panels to within the common tolerances.

17. [Currently amended] A method of compensating for manufacturing tolerances of first and second computer systems; the first computer system comprising a display device having first operational characteristics and the second computer system comprising a display device having second operational characteristics; the method comprising the steps of establishing respective sets of parameters for controlling the operation of the display devices so that the display devices operate to within common tolerances; storing the respective sets of parameters within non-

volatile storage media of the display devices; programming respective non-volatile storage devices of the first and second computer systems with common firmware that is responsive to the respective sets of parameters to control the operation of the display devices to within the common tolerances.

18. [Currently amended] A method of compensating for manufacturing tolerances of first and second computer systems having respective display units comprising respective non-volatile storage containing respective operational data to control the operation of the display devices to within common tolerances; the method comprising the step of programming respective non-volatile storage of the first and second computer systems with common firmware that is responsive to the respective sets of parameters to control the operation of the display unit respectively.

19. [New] A display unit as claimed in claim 1 wherein the storage comprises an EEPROM for storing said specific data and a ROM for storing said generic data.

20. [New] A display unit as claimed in claim 1 wherein the generic data comprises Extended Display Identification Data (EDID).